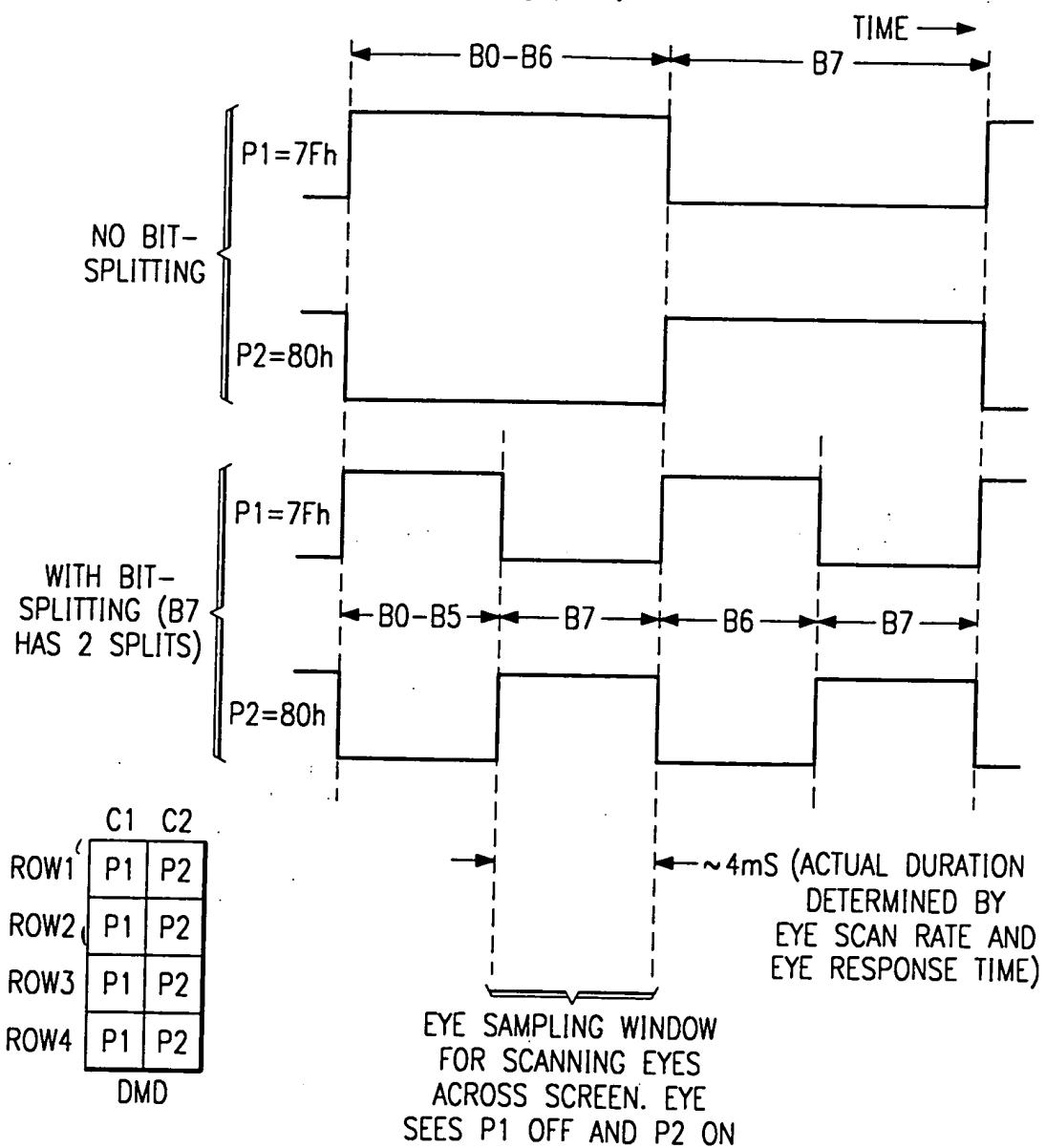
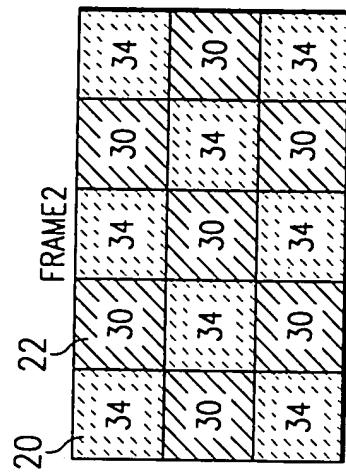


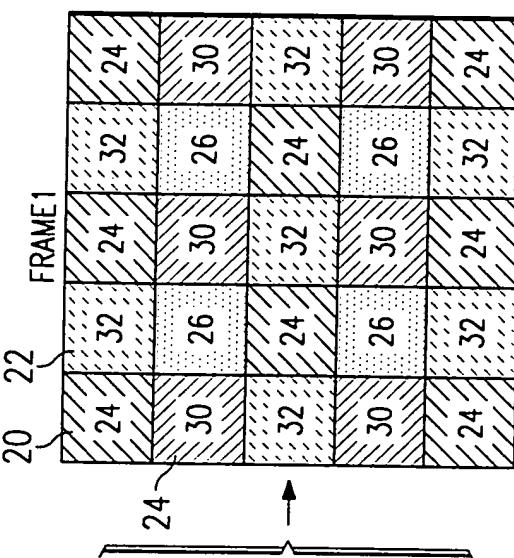
FIG. 1



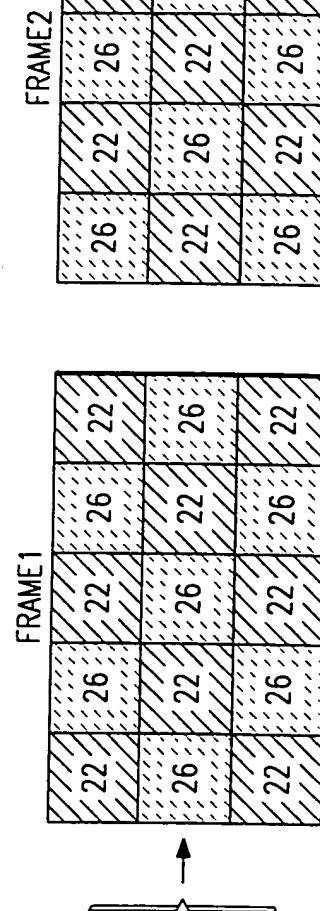
$$\begin{aligned}
 [+/-2] \cdot 32 &= \frac{34+30}{2} \\
 [+/-2] \cdot 31 &= \frac{32+28}{2} + 1 \\
 [+/-2] \cdot 30 &= \frac{32+28}{2}
 \end{aligned}$$



$$\begin{aligned}
 [+/-4,+/-2] \cdot 29 &= \frac{32+24}{2} + 1, \quad \frac{30+26}{2} + 1 \\
 [+/-4,+/-2] \cdot 28 &= \frac{32+24}{2}, \quad \frac{30+26}{2} \\
 [+/-6,+/-2] \cdot 27 &= \frac{32+20}{2} + 1, \quad \frac{28+24}{2} + 1 \\
 [+/-6,+/-2] \cdot 26 &= \frac{32+20}{2}, \quad \frac{28+24}{2}
 \end{aligned}$$



$$\begin{aligned}
 [+/-2] \cdot 25 &= \frac{26+22}{2} + 1 \\
 [+/-2] \cdot 24 &= \frac{26+22}{2}
 \end{aligned}$$



CHECKERBOARD,  
50% OF PIXELS  
USE MSB B5

CHECKERBOARD,  
0% OF PIXELS  
USE MSB B5

COULD OPTIONAL USE  
 $\pm 0$  IN THESE AREAS

CODE = 30d (USE  $\pm 2$  @50% MSB)  
 CODE = 29d (USE  $\pm 2$  @0% MSB)

CODE = 30d (USE  $\pm 2$  @50% MSB)  
 CODE = 29d (USE  $\pm 4$  @25% MSB)

P1	P2	P3	P4	P5
P6	P7	P8	P9	P10
P11	P12	N	P13	P14
P15	P16	P17	P18	P19
P20	P21	P22	P23	P24

30	30	30	29	29
30	30	29	29	29
29	29	29	29	29
29	29	29	29	29
29	29	29	29	29

30 $\pm$ 2	30 $\pm$ 2	30 $\pm$ 2	29 $\pm$ 4	29 $\pm$ 4
30 $\pm$ 2	30 $\pm$ 2	29 $\pm$ 4	29 $\pm$ 4	29 $\pm$ 4
29 $\pm$ 4				
29 $\pm$ 4	29 $\pm$ 4	29 $\pm$ 4	29 $\pm$ 4	29 $\pm$ 2
29 $\pm$ 4	29 $\pm$ 4	29 $\pm$ 2	29 $\pm$ 2	29 $\pm$ 2

SOURCE PIXELS → DISPLAYED PIXELS

FOR PIXEL N, IF ANY OF ITS 24  
 NEIGHBORS (P1-P24) HAVE A  
 MSB TRANSITION, USE BOUNDARY  
 DISPERSION ON PIXEL N.

FIG. 3

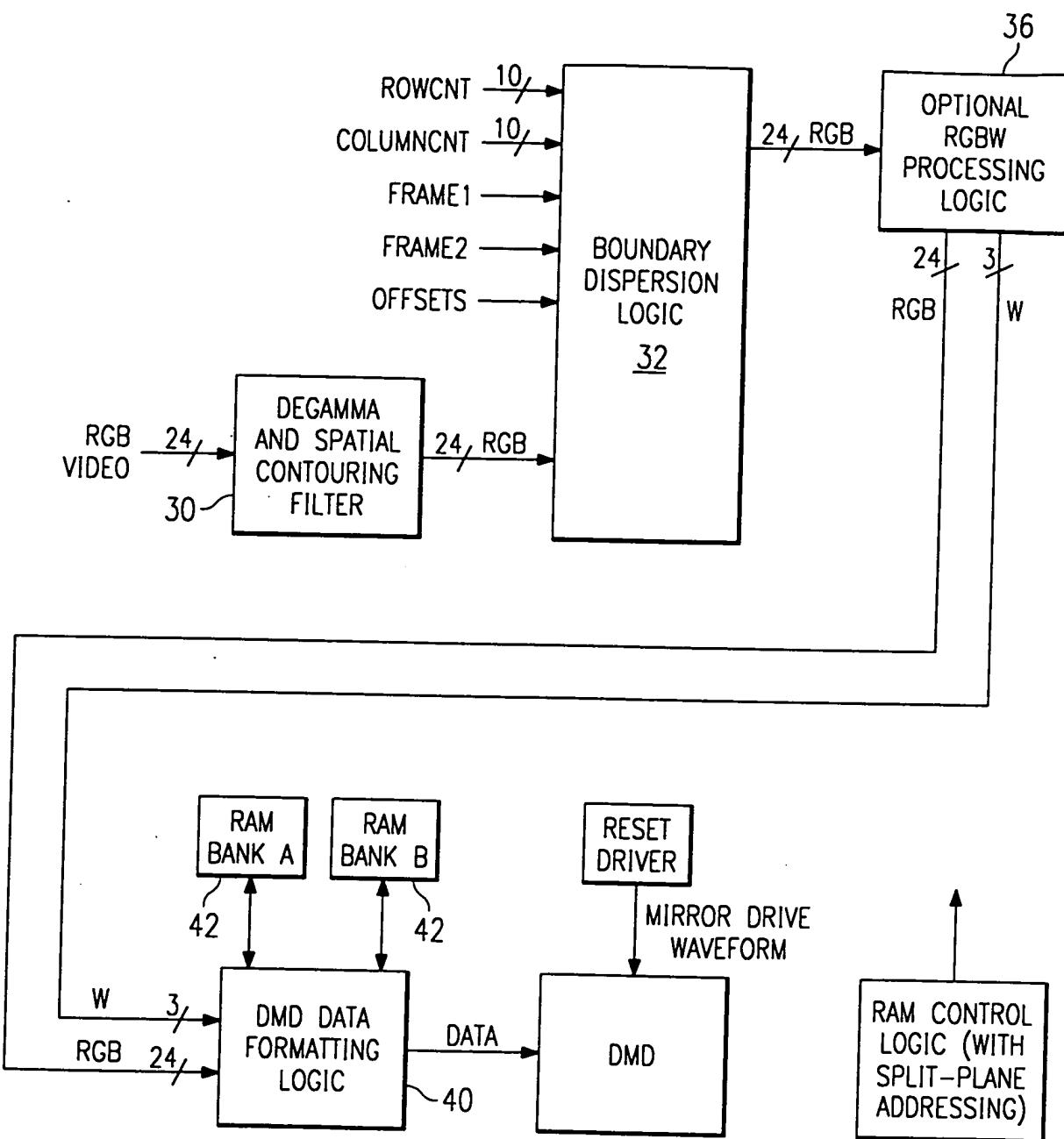


FIG. 4